

ZAKHREBETKOV, P. A.

"Bromus inermis and Alfalfa on the Fields of the Ul'yanov Oblast."
Cand Agr Sci, All-Union Sci Res Inst of Fodder imeni V. R. Vil'yams.
Moscow, 1955. (KL, No 12, Mar 55)

SC: Sum No. 670, 29 Sep 55 - Survey of Scientific and Technical Dis-
sertations Defended at USSR Higher Educational Institutions (15)

ZAKHREBETKOV, Yu.V., inzh.

Determining the air excess coefficient and the composition of
exhaust gases in case of incomplete combustion of a mixed fuel.
Trudy KHIIT no.50:41-45 '61. (MIRA 15:12)
(Gas and oil engines—Testing)

ZAKHREEETKOV, Yu.V., inzh.

Calculating the adiabatic process of compression. Trudy KHIIT
no.50:46-51 '61. (MIRA 15:12)
(Gas and oil engines) (Gas dynamics)

VOLODIN, A.I., kand.tekhn.nauk; ZAKHREBETKOV, Yu.V., inzh.

Effect of the law of heat release on the characteristics
of indicated diagrams of diesel engines. Vest.TSNII MPS
21 no.6:16-19 '62. (MIRA 15:9)
(Diesel engines---Testing)

S/262/62/000/023/006/011
E194/E135

AUTHOR: Zakhrebetkov, Yu.V.

TITLE: Calculation of the adiabatic compression process

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, Silovyye
ustanovki, no.23, 1962, 44, abstract 42.23.189.
(Tr. Khar'kovsk. in-ta inzh. zh.-d. transp., no.50,
1961, 46-51)

TEXT: A method is proposed for calculating the adiabatic compression process. It allows for the actual change in specific heat of gas during the process of compression and permits determination of the mean adiabatic index (K_{av}) more rapidly than hitherto.

[Abstractor's note: Complete translation.]

Card 1/1



S/262/62/000:006:011/021
1007/1207

Author Zakhrebetkov, Yu. V.

Title DETERMINATION OF THE COMPRESSION RATIO BY MEANS OF THE INDICATOR DIAGRAM

Periodical: *Referativnyy zhurnal, otdel'nyy vypusk 42. Silovye ustavki*, no. 6, 1962, 61, abstract 42.6.272 ("Vestn. Vses. n.-i. in-ta zh.-d. transp.", no. 2, 1961, 22-24).

Text: The volume of the compression (combustion) chamber decreases during operation of the engine as a result of the thermal expansion of the piston and the rod, and of the formation of a lube-oil wedge in the bearings. In a D50 (D50) engine equipped with aluminum pistons, the volume decreases by 12%, in a 2 D100 (2D100) cast-iron piston engine the decrease amounts to 6.5%. The determination of compression ratio from indicator-diagram data with an error of about 20% did not therefore find any wider acceptance. Proceeding from theoretical investigations, the author suggests a formula for the calculation of the volume of the compression chamber by resorting to data from an indicator diagram plotted for the compression-expansion processes only, without taking fuel injection into account. There are 5 references.

[Abstractor's note: Complete translation.]

Card 1/1



"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963620002-2

ZAKHREBETKOV, Yu.V., inzh.

Determination of running pressures in the cylinder of a diesel
during combustion. Energomashinostroenie 11 no.5:25-28 My '65.
(MIRA 18:6)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963620002-2"

ZAKHREBETKOV, Yu. V., inzh.

Analysis of heat emission in engines operated with mixed fuel.
Trudy KHIIT no.35:85-93 '60. (MIRA 13:10)
(Diesel engines--Combustion)

ZAKHREBETKOV, Yu.V., inzh.

Use of the indicator diagram for determining compression ratio.
Vest. TSNII MPS 20 no.2:22-24 '61. (MIRA 14:3)
(Diesel engines)

ZAKHRIN, V. A.

Social Sciences

Analysis of the cost of production of a tricot factory. Moskva, Gizlegprom, 1951.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

ZAKHROVA, V.; RODRIGES, Kh.

New machinery and the improvement of workers' qualifications at
the Stalingrad Tractor Plant. Sots. trud 5 no.11:115-120 N '60.
(MIRA 14:1)

(Stalingrad--Tractor industry--Technological innovations)

ZAKHREBETKOV, Yu.V., inzh.

Determination of an average index of an adiabatic curve. Teplo-
voz.i sud.dvig. no.3:83-89 '62. (MIRA 16:2)
(Thermodynamics) (Gas and oil engines)

VOLODIN, A.I., kand.tekhn.nauk; ZAKHREBETKOV, Yu.V., inzh.

Special features of an engine designed to operate on gaseous
and liquid fuels. Energomashinostroenie 9 no.1:38-40 Ja '63.
(MIRA 16:3)
(Gas and oil engines)

ZAKHRITDINOV, N.

Role of geological factors in the formation of underground waters
in Quaternary sediments in the southwestern part of the Fergana
Artesian Basin. Vop. geol. Uzb. no.2:207-214 '61. (MIRA 15:12)
(Fergana—Water, Underground)

ZAKHRITDINOV, N.

Conditions of the formation of underground waters in Quaternary
sediments of the southwestern part of the Fergana artesian
basin. Vop. geol. Uzb. no.3:174-178 '62. (MIRA 16:6)

(Fergana—Water, Underground)

ZAKHRYALOV, Ya. N.

ZAKHRYALOV, Ya. N. - "Swine Helminths of Southwestern Kazakhstan (The Helminths, Their Distribution, and Their Rate of Infection of Swine by Age and Season)." Acad Sci Kazakh SSR. Inst of Zoology. Alma-Ata, 1955. (Dissertation for the Degree of Candidate in Biological Sciences)

So; Knizhnaya Letopis', No 3, 1956

ZAKHRYALOV, Ya. N.

Supplements to the description of certain helminths of swine.
Trudy Inst. zool. AN Kazakh. SSR 5:112-119 '56. (MLRA 9:12)

(Kazakhstan--Nematoda) (Parasites--Swine)

ZAKHRYALOV, YA. N.

USSR/Zooparasitology - Parasitic Worms.

G-2

Abs Jour : Ref Zhur - Biol., No 6, 1958, 24370
Author : Boev, S.N., Lavrov, L.I., Zakhryalov, Ya.N., Maksimova,
Inst A.P.
Title : -
Title : Data on Helminthofauna of Wild Ruminant Animals of Western
Tyan-Shan.
Orig Pub : Tr. In-ta zool. AN KazSSR, 1957, 7, 151-155

Abstract : In wild ruminants of the Aksu-Dzhebaglin game reserve, 28
species of helminths were found, among them 25 in arkhar
(3 specimens were dissected), 18 in Siberian ibex (9), 4
species in roe deer (3). In Siberian ibex, *Marshallagia*
mongolica, *Marchalus raillieti* and *Skrjabinei* were iden-
tified for the first time; in roe deer-- *N. cirratianus*;
in arkhar, *N. abnormalis* and *Ostertagia trifurcata*. The
scarcity of helminthofauna in arkhar and roe deer, the
low intensity of infection and almost total absence of

Card 1/2

ZAKHRYALOV, Ya.N.

Helminths of domestic swine and wild boars in southeastern
Kazakhstan. Trudy Inst. zool. AN Kazakh. SSR 9:92-103 '58.
(MIRA 11:?)
(Kazakhstan--Worms, Intestinal and parasitic)
(Parasites--Swine) (Parasites--Wild boar)

ZAKHRYALOV, Ya.N.

Rate of helminth infestations in hybrid swine of Taldy-Kurgan Province. Trudy Inst. zool. AN Kazakh. SSR 9:104-106 '58.

(MIRA 11:7)

(Taldy-Kurgan Province--Worms, Intestinal and parasitic)
(Parasites--Swine)

COUNTRY :	USSR
CATEGORY :	
ABSTRACT JOUR. :	RZBiol., No. 1959, No. 10350
AUTHOR :	Zakharyalov, Ya. N.
INSTIT. :	Institute of Zoology of the Academy of Sciences of #
TITLE :	Helminthic Fauna of Domestic Pigs and Wild Boars of Southeastern Kazakhstan
ORIG. PUB. :	Tr. In-ta zool. AN KazSSR, 1958, 9, 92-103
ABSTRACT :	* the KazSSR In 619 hogs from Alma-Atinskaya and Taldy-Kurganskaya Oblasts 23 species of helminths were found: 1 species of trematode and 1 species of acanthocephalid, 3 species of cestodes and 18 species of nematodes (a list of parasites is presented with an indication of the intensity and extent of the infestation and localization). A single specimen of <u>Dicrocoelium lanceatum</u> was found in the caecum but was absent from the liver. In hog cholera an abnormal localization of the ascarids is noted (in the abdominal cavity, 1/2
CARD:	

YEL'TSOV, A.V.; ZAKHS, E.R.; EFROS, L.S.

Derivatives of imidazole. Part 36. Zhur. ob. khim. 34 no.11:
3738-3741 N '64 (MIRA 18:1)

1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta.

ZAKHS, E.R.; EFROS, L.S.

Derivatives of imidazole. Part 35.: Benzimidazole 6,7-quinones.
Zhur. ob. khim. 34 no. 5:1633-1636 My '64. (MIRA 17:7)

ZAKHS, E.R.; EFROS, L.S.

Derivatives of imidazole. Part 32: Synthesis of 4,5(6,7)-quinones of benzimidazole. Zhur. ob. khim. 34 no. 3:956-961 Mr '64.

Derivatives of imidazole. Part 33: Synthesis of 6,7-quinones of benzimidazole. Ibid.:962-969 (MIRA 17:6)

1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta.

ZAKHS, E.R.; MINKIN, V.I.; EFROS, L.S.

Imidazole derivatives. Part 37: Synthesis of 5,6-quinones of
benzimidazole. Zhur. org. khim. 1 no.8:1466-1475 Ag '65,
(MIRA 18:11)
1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta.

ZAIKHYALOV, Ya.N.

A list of swine helminths. Trudy Inst. zool. AN Kazakh. SSR 14:
132-147 '60. (MIRA 13:12)

(Parasites--Swine)
(Worms, Intestinal and parasitic)

MANDEL'BAUM, Aleksandr Iosifovich, inzh.; ZAKHRYAPIN, Boris
Mikhaylovich, inzh.; MORGUNOV, Nikolay Ivanovich, kand.
sel'khoz. nauk; CHERNUKHTIN, Sholom Yakovlevich, kand.
tekhn. nauk; CHUBAROV, N.D., red.; LARIONOV, G.Ye., tekhn.
red.

[Industrial production of peat-mineral-ammonia fertilizers]
Promyshlennoe proizvodstvo torfomineral'no-ammiachnykh udob-
renii i torfianoi podstilki. [By] A.I.Mandel'baum i dr. Mo-
skva, Gosenergoizdat, 1963. 231 p. (MIRA 17:1)
(Fertilizers and manures) (Peat)

42292: ZAKHRYAFIN, M. I. - Bol'she sverkhplanovyykh nəkopleniy. (Petrovsko-Kobely.
Torgopredpriyatiye). Torg. prom-st', 1948, №. 11, s. 9-11.

SC: Letopis' Zhurnal'nykh Statey, Vol. 47, 1948.

USSR / General and Special Zoology. Insects. Harmful
Insects and Arachnids. Pests of Fruit and Berry
Cultures. P

Abs Jour: Ref Zhur-Biol., No 14, 1958, 64092.

Author : Baturin, V.; Abdullayev, S.; Zakhryapina, T.
Title : Spraying of the Gardens During the Vegetation
of Plants with Carbolinoum Against Fruit Mites.

Orig Pub: Sots. s.-kh. Azerbaydzhana, 1957, No 7, 47-49.

Abstract: Two apple-tree sections - of six hectares each
- were sprayed on 18 July with a 0.2% suspension
of DDT dust, to which on one section 0.25% car-
bolincum was added; the liquid outlay on both
sections was 2400'1/ha. According to a compu-
tation, made on 21 July, the mitos of the first
variation were multiplying and their numbers in-

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62

ZAKHRYAPINA, T.D. (stantsiya Otar Dzhambul'skaya oblast', KazakhSSR)

Differentiation of fungi producing anthracnose in currants and
gooseberries. Bot.zhur. 144 no.6:836-843 Je '59.

(MIRA 12:11)

(Anthracnose) (Currants--Diseases and pests)
(Gooseberries--Diseases and pests)

ZAKHRYAPINA, T.D.

USSR/General and Special Zoology. Insects. Injurious Insects and Ticks. Posts of Fruit and Berry Crops P

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49650

Author : Zotsenko L.N., Abdullayev S.G., Zakhryapina T.D.

Inst : -

Title : New Data on the Control of the Lesser Apple Worm (*Carpocapsa pomonella* L.)

Orig Pub : Zashchita rast. ot vredit. i bolezney, 1957,
No 2, 41-48

Abstract : The spraying of apple trees with a 0.2% DDT emulsion and Bordeaux mixture was carried out before blossoming against gnawing pests, mange and others. Variations: first (2:2) four treatments with a 2% DDT suspension and Bordeaux mixture and 1% colloidal sulfur; second (1:1) - two treatments with a 0.4% DDT suspension; third (2:1) - the first treatment with a 0.2% DDT suspension and Bordeaux mixture, the second and the

Card : 1/2

ZAKHARINA, T. D.

"Conditions Attending Mass Outbreaks of Anthracnose of Currants and
Measures to Prevent Them." Cand Agr Sci, All-Union Inst of Plant Protection,
Leningrad, 1954. (RZhBiol, No 8, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR
Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

ZAKHUDALIN, P.

Subject : USSR/Aeronautics AID - P-141
Card : 1/1
Author : Zakhudalin, P., Master of Sport
Title : My Record Flight
Periodical : Kryl. Rod., 1, 10, Ja 54
Abstract : The author describes the establishing of a speed record on the sport aircraft Yak-11 of the 4th category (1,700 kg - 3,000 kg), over a distance of 2,000 km.
Institution : None
Submitted : No date

MINEV, N., inzh.; ARNAUDOVA, M., inzh.; ZAKHUNOV, Sp., inzh.

A new type of portal masts with braces for a 220 kv. power line with two circuits, with a possibility of switching to one-circuited 400 kv. transmission line. Elektroenergiia 15 no. 7/8:17-20 Jl-Ag '64.

ZAKHUNOV, Spas, inzh.

Static studies of steel-latticed carrying gantries with
braces for 220/400 cables. Elektroenergiia 14 no.8:27-30
Ag '63.

KHAYKIN, G.I.; ZAKHURDAYEV, V.P.

Osteotomy of the mandible with simultaneous plastic repair
of perioral defects. Stomatologija 43 no.1:94-95 Ja-F'64
(MIRA 1784)

1. Kokchetavskaya oblastnaya bol'nitsa (glavnyy vrach L.K.
Kirpo) i TSentral'nyy institut usovershenstvovaniya vrachey.

DAMIR, Ye.A.; ROZHNOV, V.Ye.; ZAKHURDAYEV, V.P.; KUBRYAKOV, G.P.

Use of narcohypnosis for anesthesia in surgical operations.
Vest.AMN SSSR 17 no.8:25-29 '62. (MIRA 15:12)

1. Kafedra anesteziologii TSentral'nogo instituta usovershenstvovaniya vrachey i TSentral'nyy nauchno-issledovatel'skiy institut sudebnoy psichiatrii imeni V.P.Serbskogo.
(HYPNOTISM IN SURGERY) (ANESTHESIA)

Zakhorenkova, L.N.

111(0) STATE EDITION

Vsesoyuznyy nauchno-tekhnicheskii rezhiseredocentry
institut

50/1963

Gorokhovetskiy zhurnal, no. 5 (Collected "Papers on Geochimistry"),
Seriya 5, (Leningrad, Gosizdat, 1958). (Series 1st, Trudy,
v. D. 123) 4000 copies printed.

S. I. Tavel, Fedorovich Andreyev, Zaoz. Ed.: L. Ya. Russkova;
Tsel. Ed.: I. N. Gennad'yeva.

PURPOSE: The book is intended for the technical and scientific personnel of institutes and TAIL (Central Scientific Research Laboratories) of the Petroleum Industry and all those interested in the geology and geochemistry of petroleum.

CONTENTS: The book is the fifth issue of the Gorokhovetskiy zhurnal (Collected "Papers on Geochemistry") and contains articles contributed by VNIIGKh staff members (All-Union Scientific Research Institute for Geological Survey) on various aspects of geochemistry. The work is divided into two parts, the first of which consists of 12 articles dealing with the development of theoretical problems in petroleum chemistry. The second part reviews problems connected with the study of organic and mineral crudes. In Part I, A. P. Dobrynin's article concerning the low temperature origin of petroleum and refutes the popular claim concerning high temperature origin. The joint work A. P. Dobrynin, N. P. Andreyev, and A. I. Bogdanov directs attention to the uniform phenomena in the composition of crudes that result from spontaneous changes in their substance throughout geological periods and which occur in full accordance with the basic laws of nature. The article supplements the basic principles developed by A. P. Dobrynin ten years ago. In his well-known work "Geobiologically Useful Geochemistry of Petroleum," A. P. Dobrynin, M. Zakharenko, and I. Kurbatova report on the correlation of some microelements in the composition of crudes. Their extensive research combined with existing information permits them to draw interesting conclusions. Part II contains articles on the origin of crude oil, which may be useful for future research and exploration and in particular characterizes the aromatic hydrocarbon structure which may prove useful for future research and exploration and in solving many certain problems. I. N. Vorozheiko describes a method of counting the total number of live bacteria, it may be applied in various microbiological studies. References accompany each article.

Collected Papers (Cont.)

Bogdanov, A. I. Siberian Crudes

Dobrynin, A. P., V. A. Goryainova, and N. P. Kurbatova. Data on the Distribution of Nitrogenous and Nitrogen Compounds in Fractions of Petroleum in the Volga-Ural Region. 59

Kutchenkov, S. N. The Distribution of Dispersed Elements in Silicate Rocks. 50

Glebovskaya, Ye. A. Geochemical Tracings in the Genesis of Crude Oil. 51

Goretskaya, A. I., T. A. Klyenkova, and N. I. Rokotskaya. On the Formation of Bitumen in Vegetable Substance Decomposed by Anerobic Microflora. 54

Kretov, V. A. Problems of the Formation of Chalcocite. 54

Kazmina, T. I. Tentative Characteristics of Halogenous-Soluble Salt Content. 54

Card 4/7

JOV/1960

10

NECHAYEVA, Z.P., referent; TKACHENKO, S.S., referent, kand.med.nauk;
ZAKHVALINSKAYA, O.N., referent dotsent; ANCHELEVICH, V.D., referent
dotsent; KURILO, A.A., referent; PRIKHOD'KO, A.K., referent;
MEZHENINA, Ye.P., referent, kand.med.nauk; KRYUK, A.S., referent,
kand.med.nauk

(ORTHOPEDIC SOCIETIES)

ZAKHVALINSKAYA, O. N.

Zakhvalinskaya, O. N. "Empyema of the pleural cavity as a result of thoracic bullet wounds, according to data of evacuation hospitals behind the lines," Sbornik nauchn. rabot evakogospitalej i Kafedry oushchey chirurgii (Irkutsk oob. otd. zdravookhraneniya. Irkut. gos. med. in-t), (Irkutsk), 1948, p. 30-42

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

ZAKHVALINSKAYA, O. N.

35523. O Konechnykh Iskhodakh Pronidayushchikh Raneniy Grudnoy Kletki.
V SP: Voprosy Grudnoy Khirurgii. T. III, N., 1949, c. 96-99.

Letonis' Zhurnal'nykh Statey, Vol. 48, Moskva, 1949

ZAKHVALINSKAYA, O.N., kand.med.nauk, referent

Minutes of the 4th session of the Irkut Society of Orthopedists
Traumatologists, and Surgeons. Ortop.travm. i protez. 19
no.4:88-89 Jl-Ag '58 (MIRA 11:11)
(IRKUTSK PROVINCE—TRAUMATISM)

LAKHVAL'IN-KY, M.N.

USSR

*Stability regions of lithium nitrate-sulfuric acid system
and sulfates. V. V. Volkov and M. N. Zakhval'iaid.
Izv. Akad. Nauk Gruz.-Sovetsk. SFR, Tbilisi, 1962,
2, No. 1, 72-4 (1963); Referat. Zaur., Khim. 1971, No.
4971. -- The nature of the melting diagram and type of
triangularization of the system Li, Na || NO₃, SO₄ characterizes
it as transitional between diagonal to adiagonal. In addition
to the crystal fields of the components there were the crystal
fields of LiSO₄, Na₂SO₄ and Li₂SO₄·2Na₂SO₄. M. Hesch*

(1) *get*

ZAKHYALINSKIY, M.N.

Ternary reciprocal system of lithium and sodium fluorides and bromides. N. N. Volkov and M. N. Zakhyalinskii. Izv. Akad. Nauk SSSR Ser. Khim., No. 3, p. 547 (1963); Zhur. Neorg. Khim., 1963, No. 4, No. 1, p. 71 (1963). Releasat. Zhar., Khim., 1964, No. 4016.—The system Li-Na-P, Br was studied visually and polythermally. The liquidus surface of this system includes 4 eutectic fields: LiP, NaP, and a field of solid solns. of Li and Na bromides. This system is considered singular.
M. Hnash

?

PM

BELYAYEVA, V.A.; DRITS, V.A.; ZAKHVALINSKIY, M.N.; LARINA, V.A.; NAGORNAYA,
Ye.P.; NIKULINA, S.Ye.; NAGORNYY, G.I.; SEMIUSOVA, T.N.

Characteristics of clays of the Troshkovskiy deposits of the
Irkutsk Province. Izv. Fiz.-khim. nauch.-issl. inst. Irk. un.
5 no.1:252-289 '61. (MIRA 16:8)

(Irkutsk Province—Clay—Analysis)

ZAKHVALINSKIY, M. N.

ZAKHVALINSKIY, M. N. -- "On the Interaction of Fused Salts of Lithium and Rubidium in Certain Salt Exchanges." Physicochemical Sci Res Inst of the Irkutsk State U imeni A. A. Zhdanov. Irkutsk, 1955. (Dissertation for the Degree of Candidate of Chemical Sciences.)

SO: Knizhnaya letopis', No. 4, Moscow, 1956

BELYAYEVA, V.A.; ZAKHVALINSKII, M.N.; ZIMINA, T.D.; DEMINA, T.N.;
KALASHNIKOV, P.V.; NAGORNAYA, Ye.F.; NAGORNYY, G.I.; TITOVA, T.P.

Adsorption properties of Gymyl' argillites. Trudy DVFAV SSSR.
Ser.khim. no.7:18-25 '65.

(MIRA 18:12)

ZAKHVATAYEV, Petr Viktorovich; NEMYTOV, F., otv. red.; BOROZDIN, B.,
red. izd-va; LEBEDEV, A., tekhn. red.

[Balance of the incomes and expenditures of construction organizations; calculation methods and preparation procedures] Balans dokhodov i raskhodov stroitel'nykh organizatsii; metody raschetov i poriadok sostavleniya. Moskva, Gosfinizdat, 1962. 167 p.

(MIRA 16:1)

(Construction industry—Finance)

ACCESSION NR: AP5005364

S/0109/65/01G/002/0387/0388

AUTHOR: Goryunova, O. F.; Zakhvatayeva, O. I.; Kontsevoy, Yu. A.

TITLE: Effect of magnetic field on current-voltage characteristics of p⁺-p-p⁺ structures

SOURCE: Radiotekhnika i elektronika, v. 10, no. 2, 1965, 387-388

TOPIC TAGS: semiconductor device, current voltage characteristic

ABSTRACT: A Ge plate with a resistivity of 10--30 ohm-cm and two ohmic contacts (see Enclosure 1) was tested in parallel and perpendicular magnetic fields up to 14,300 oe. The voltage V_i increased when the magnetic field was applied parallel to the plate, and it did not change with the perpendicular field. An interpretation of this phenomenon is offered. Orig. art. has: 2 figures and 1 table.

ASSOCIATION: none

SUBMITTED: Sijanski

AD. U.S.: 11

SUB CODE: EC

NO REF SOV: 001

OTHER: 003

Card 1/2

ACC NR: AP7006038

SOURCE CODE: UR/0301/66/000/002/0057/0064

ZAKHVIATIKHATA, K. B.; BIT'KO, P. I., Nikopol' Southern Tube Plant
(Nikopol'skiy yuzhnootrubnyy zavod)

"Ultrasonic Quality Control of Cold-Rolled Alloy and Steel Tubes With Wall
Thicknesses up to 6 mm"

Sverdlovsk, Defektoskopiya, No 2, 1966, pp 57-64

Abstract: The applicability of ultrasonic methods of tube testing at the Nikopol' Yuzhnootrubnyy (NYTP) considered the possibilities of this method, the difficulties involved using ultrasonic devices, certain test results, and the experience in operating ultrasonic devices at NYTP during the last three years. All the ultrasonic devices used at NYTP are of the semi-automatic type and based on the echo method. The tubes must move back and forth through the immersion bath 6-2 mm at a time. The ultrasonic devices used differ in the design of their pickup-adjust mechanisms (with respect to the selection of specific position of the pickup with respect to the tube), the system of orientation of the tube with respect to the pickups, and the type of tube-drawing mechanism. Each type of device is designed to inspect a specific tube size. The plant employs the following four types of devices: 1) the IDTs-3M, designed to inspect tubes of 10-30 mm diameter, developed by TsvNIITMASH and manufactured by the Elektrotochpribor

Card 1/2

UDC: 620.179.16

09270826

ACC NR: AP7006038

Plant in Kishinev which consists of a tube-drawing head, an immersion bath, supports, and automatic elements, all mounted on a single frame; 2) the UDT-4, designed to inspect tubes of 10-80 mm diameter, developed by VNITI; not manufactured serially, it lacks a tube-drawing mechanism but can be operated with tube-drawing mechanisms of various designs; 3) the IDTs-6, designed to inspect tubes of 25-114 mm diameter, developed by TsNIITMASH and manufactured by the Elektrotachpribor Plant, is operated together with a redesigned VSh-177 centerless grinding machine which serves as the tube-drawing mechanism; and 4) the UDT-4M, designed to inspect tubes of 4-10 mm diameter, developed by VNITI, is actually a modified version of the UDT-4 adapted to small-diameter tubes. At NYTP the ultrasonic method is used to inspect tubes measuring from 5 to 325 mm in diameter with wall thicknesses of 0.2 to 40 mm. The applicability of this method is largely dependent on the ratio of wall thickness to diameter of tube. For tubes with walls 1-6 mm thick and diameters exceeding 10 mm, the most suitable ratio of this kind at present is considered to be less than 1:5. The lower this ratio, the easier adjustment and reliability of operation and more accurate the results of the inspection. Orig. art. has: 2 figures. [JPRS: 36,728]

TOPIC TAGS: quality control, ultrasonic inspection

SUB CODE: 12 / SUEM DATE: 29Nov65 / ORIG REF: 005

Card 2/2

ZAKHvatkin, B.N., gornyy inzh.

Open-pit mining of interchamber and level pillars bounded by
filling. Gor. zhur. no. 12:22-24 D '65. (MIRA 18:12)

ZAKHvatkin, B. N.

PA 67T95

USSR/Mines and Mining
Mining Methods
Excavating Machinery

Jun 1948

"Test of Speed Sinking in the Kaul Mine," B. N.
Zakhvatkin, Mining Engr, 2 pp

"Gor Zhur" No 6

Prior to 1947 shaft sinking went along at the rate of 20 meters per month. After 1947, however, when the system described herein was adopted, workers at the Kaul mine were able to sink up to 80 meters of shaft per month. Average speed is about 60 meters of shaft sunk per month.

LC

67T95

LAZIVATKIN, B.N.

Mining Engineering

Use of electric detonators in mine blasting. Gor. zhur, No. 3, 1952

Monthly List of Russian Accessions, Library of Congress, April 1952 Unclassified

AUTHOR:

Zakhvatkin, B.N., Director of the Kaula Open Mine

127-58-1-18/28

TITLE:

Mining of the Upper Part of the **Kaula** Deposit by Stripping
Method (Razrabotka verkhney chasti mestorozhdeniya Kaula
otkrytym sposobom)

PERIODICAL:

Gornyy Zhurnal, 1958, Nr 1, pp 67-68 (USSR)

ABSTRACT:

The **Kaula** deposit is located on the side of a mountain range. The ore body, at an angle of 30 to 40°, has a sheet-like, lenticular shape. The horizontal thickness of the ore body varies from 25 to 80 m, and the length along the strike direction is 300 to 680 m. There were various variants of the mining of this deposit. A detailed comparison of the various mining methods used here has shown the expediency of the stripping method for the upper part of the deposit down to a depth of 153 m from the surface: this part contains up to 45% of all resources. The lower part of the deposit should be mined by the underground method. At the present time, the upper part of the **Kaula** deposit is being mined by the stripping method. The open mine has been equipped with highly efficient machinery. A concentration plant, a crush-

Card 1/2

127-53-1-18/28

Mining of the Upper Part of the Kaula Deposit by Stripping Method

ing installation and other installations are being constructed. The transport system of mining, with parallel transfer of covering rocks into external dumping grounds, is being used. The maximum length of the open mine is 600 m, the maximum width is 350 m, and the slope angle of the stopes is 65°. The height of the stope is 10 to 12 m according to the mining project. The drilling of shot-holes is performed mainly with drilling machines of the BU-20-2 type, with BMK-2 machines for auxiliary drilling. The blasted rock is loaded with excavators of the SE-3 type and is taken away by dump cars of the YaAZ-210 and MAZ-205 types. The open mine will be in operation for 12 years. The article contains 2 figures and 2 tables.

ASSOCIATION: Kar'yer Kaula (Kaula Open-Cut Mine)

AVAILABLE: Library of Congress

Card 2/2 1. Mines-USSR 2. Mining engineering-USSR 3. Mines-Operation

ZAKHVATKIN, B.N., gornyy inzh.

Mining small ore bodies by open-pit operations. Gor. zhur. no.9:
12-14 S '65.
(MIRA 18:9)

1. Kombinat Pechenganikel'.

MIKHIREV, P.A., kand.tekhn.nauk; ZAKHVATKIN, B.V.

Practice of using PPM-4M loaders in the iron mines of Gornaya Shoriya. Gor. zhur. no.11:51-52 N '61. (MIRA 15:2)

1. Institut gornogo dela Sibirskogo otdeleniya AN SSSR (for Mikhirev).
2. Glavnnyy mekhanik gornogo upravleniya Kuznetskogo metallurgicheskogo kombinata (for Zakhvatkin).

(Gornaya Shoriya--Mining machinery)

ZAKHvatkin, B.V.; SAMOYLOV, P.A.

Two rock-drill units for hole boring. Biul. TSMIICHM no.7:31-32
'58. (MIRA 11:6)

1.Gornoye upravleniye Kuznetskiy metallurgicheskiy kombinat (for
Zakhvatkin). 2.Tomskiy politekhnicheskiy institut im. Kirova (for
Samoylov).

(Rock drills)

VAVILOV, V.S.; PLOTNIKOV, A.F.; ZAKHVATKIN, G.V.

Infrared absorption of silicon having high specific resistance
and containing radiation defects. Fiz. tver. tela 1 no.6:976-979
Je '59.
(MIRA 12:10)

1. Fizicheskiy institut im. P.N. Lebedeva Akademii nauk SSSR,
Moskva.
(Silicon--Optical properties)

L 36227-65 EWT(1)/EWT(m)/T/EWP(t)/EWP(b)/EWA(b) Pz-6/Peb IWP(c)
ACCESSION NR: AP5007108 S/0109/65/010/003/0573/0574 ID/JG/AT 31

AUTHOR: Agayev, A. M.; Zakhvatkin, G. V.; Iglytsyn, M. I.; Pervova, L. Ya.
Fistul', V. I.

TITLE: Inductive properties of p-n junctions in deep-level germanium

SOURCE: Radiotekhnika i elektronika, v. 10, no. 3, 1965, 573-574

TOPIC TAGS: semiconductor, pn junction

ABSTRACT: An experimental study of inductive susceptance of p-n junctions in Ge containing deep recombination centers is briefly reported. Ge specimens were doped with gold to a donor-impurity concentration of 1.3×10^{16} per cm³ and tested at 0.75-12 Mc with currents from 0.005 to 6 millamp. The susceptance changed its sign at a 200-mv forward bias. A plot of the inductive susceptance vs frequency is supplied. Orig. art. has: 2 figures and 1 formula. [03]

ASSOCIATION: none

SUBMITTED: 16Apr64

ENCL: 00

SUB CODE: SS

NO REF SOV: 004

OTHER: 002

ATD PRESS: 3220

Card 1/1

Distr: ~~Eric~~ 433d

/Investigation of solid dielectrics at 30 megahertz frequency C. R. Armano, L. V. Zelenin, and G. I. Organyan //
Soviet Tech. Experiments 1956, No. 3, 76

At 30 megahertz, the resolution is good enough to identify polarization in the sample. Placing a dielectric in a gap with a conductive metal plate, one can measure the current density in the system's capacity and frequency. The method applies to all dielectrics which have a dielectric loss factor $\tan \delta$ between 0.01 and 0.1. Measurements were made in titanates of Sr, of Mg, and of Ba. At room temperature, the $\tan \delta$ values of Sr titanate and Ba titanate are small, while the $\tan \delta$ of Sr with flux, of Ba with flux, and of Sr Bi titanate at 30 megahertz Mg titanate has a very large value. At 30 megahertz, the $\tan \delta$ values of Sr Bi titanates are smaller than at normal radiofrequencies. E. R.

JR

L 53635-65 ENT(1)/ENT(m)/EPF(c)/EIR/EH(j)/T/EHA(h) Pz-6/Pc-4/Pr-4/Ps-4/Pcb
IJP(c) WI/GS/AT/RM

ACCESSION NR: AT5010257

UR/0000/65/000/C00/0120/0121

AUTHORS: Zakhvatkin, G. V.; Burkov, I. L.

TITLE: Nonvacuum cryostat for measuring the Hall coefficient and electro-conductivity of semiconductors

SOURCE: Mashiny i pribory dlya ispytaniya metallov i plastmass (Machines and Instruments for testing metals and plastics); sbornik statey, Moscow, Izd-vo Mashinostroyeniye, 1965, 120-121

TOPIC TAGS: Hall effect, Hall constant, conductivity meter, cryostat, semiconductor

ABSTRACT: A nonvacuum cryostat was developed for maintaining stable temperatures ranging from that of liquid nitrogen to 100-150°C with negligible scatter of liquid nitrogen. The cryostat device (see Fig. 1 on the Enclosure) consists of the following sections. The specimen holder 8 is set within a cylindrical cold conductor 6 and is linked with collar 10 by a textolite support 5. Heat coil 7 is contained in the lower part of the cold tube. Metallic casing 9 is hermetically sealed to the collar 10 by a nut 4 and a teflon gasket 11. Collars 2 and 10 are fastened at the ends of the ceramic tube 3. The aperture of collar 2 is

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L 53635-65

ACCESSION NR: AT5010257

closed by means of cover 12 with a teflon gasket. Wires leading from the specimen holder go through the tube and collars, as do leads from a thermocouple and the heat coil. The ends of the leads are connected to the plug-in distributor 1. During tests the entire device is placed in a Dewar flask filled with liquid nitrogen, and the cover 12 is opened. The liquid nitrogen fills the cryostat, forcing air to escape through the upper collar. Tests are conducted either at the ambient liquid nitrogen temperature or at some higher temperature controlled by the heat coil. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 15Dec64

ENCL: 01

SUB CODE: EC,SS

NO REF SOV: 000

OTHER: 000

Card 2/3

L 53635-55

ACCESSION NR: AT5010257

ENCLOSURE: 01

G

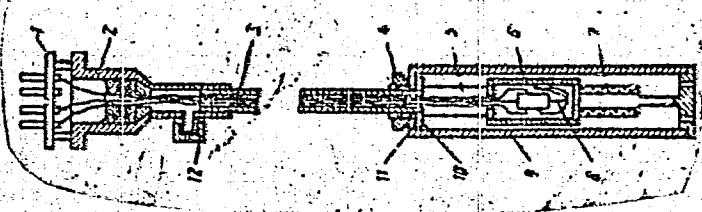


FIG. 1.

Diagram of nonvacuum cryostat

llc
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"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963620002-2

AGAYEV, A.H.; ZAKIVATKIN, G.V.; IGUMSYN, M.I.; PAVLOVA, L.Ya.; FISIOV, V.I.

Inductive properties of p-n junctions in germanium with deep levels.
Radiofizika i elektron. 10 no.3:573-574 Mr '65.

(MIRA 18:3)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963620002-2"

ZAKHvatkin, L.N., inzh.; BOLTOV, R.P.

Wearing out of the pulp duct in hydraulic filling with rock from a
waste pile. Ugol' 40 no.2:33-35 F '65. (MIRA 18:4)

1. Kuznetskiy nauchno-issledovatel'skiy ugol'nyy institut (for
Zakhvatkin). 2. Shakhta "Krasnogorskaya" tresta Prokop'yevskugol'
(for Bolotov).

ZAKHVATKIN, M.O.

Twentieth anniversary of the Central Chemical Laboratory of the
Chelyabinsk Metallurgical Plant. Zav.lab. 29 no.7:881-883 '63.
(MIRA 16:8)
1. Nachal'nik tsentral'noy khimicheskoy laboratorii Chelyabinskogo
metallurgicheskogo zavoda.
(Chelyabinsk--Chemical laboratories)

ZAKHvatkin, S.A., inzh.

High temperature heat exchangers for heating blast-furnace gas and
air. Trudy NTO chern. met. 20:172-182 '60. (MIRA 13:10)

1. Leningradskiy filial Tsentral'nogo proyektno-konstruktorskogo
byuro tresta Energochemet.
(Heat exchangers) (Blast furnaces)

ZHUR.MIKROBIOLOGIYA, Ye. S.; MILENUSHKIN, Yu. I.; KOVTUNOVICH, L. G.; ZAKIVATKIN, S. V.

Out-of-town session devoted to the 40th anniversary of the Great
October Socialist Revolution. Zhur.mikrobiol.epid. i immun. 28 no.
9:15 S '57. (MLRA 10:12)
(COMMUNICABLE DISEASES)

ZAKHvatkin, V. A.; PETRushevskiy, G. K.

Parasites - Fish

Parasitofauna of some endemic fish of the Danube - Black Sea basin. Trudy Len. ob-va est. 71, No. 4, 1952.

SO: Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

ZAKHVATKIN, V.A.

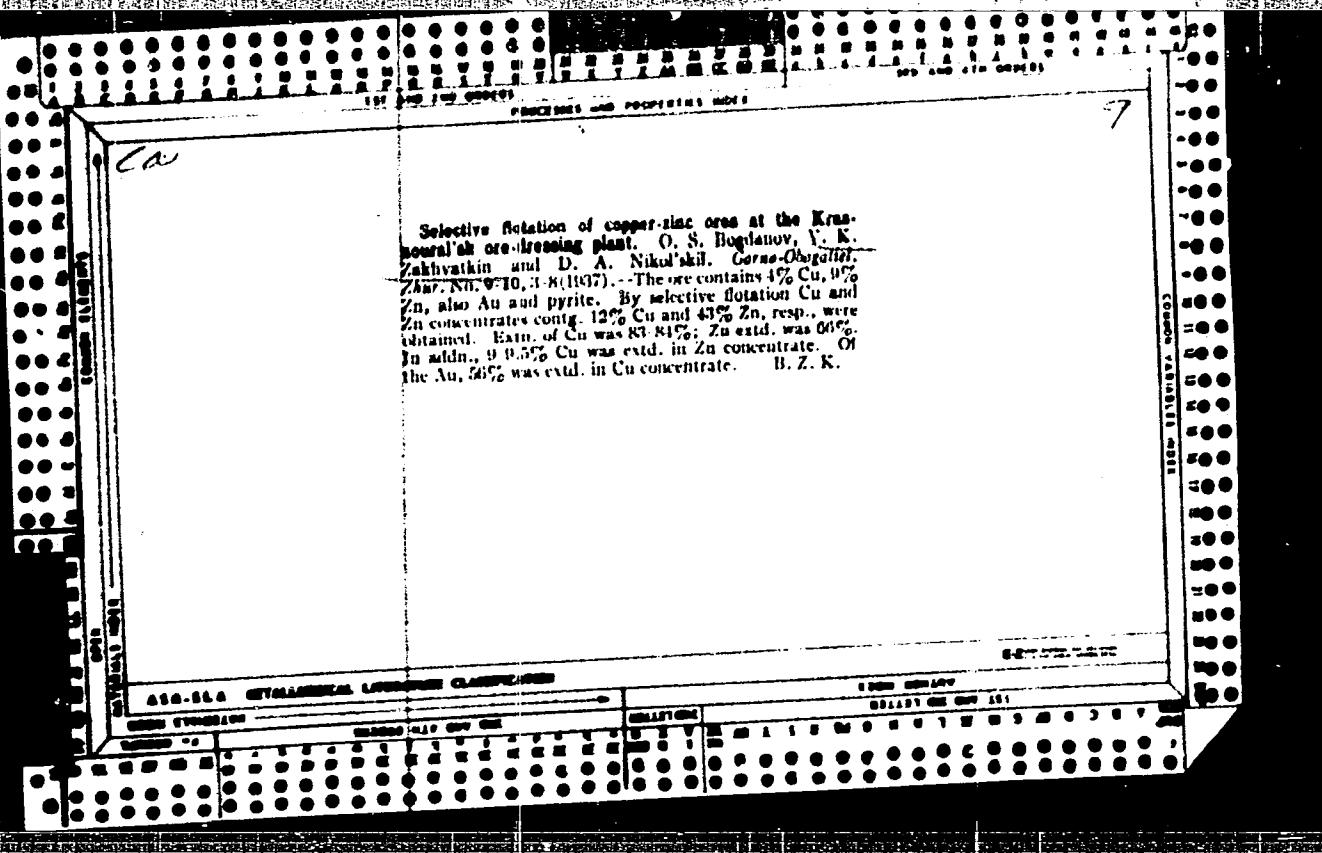
Improvement of pisciculture. Nauk.say.L'viv.un. 26:58-63
'54. (MLRA 9:10)

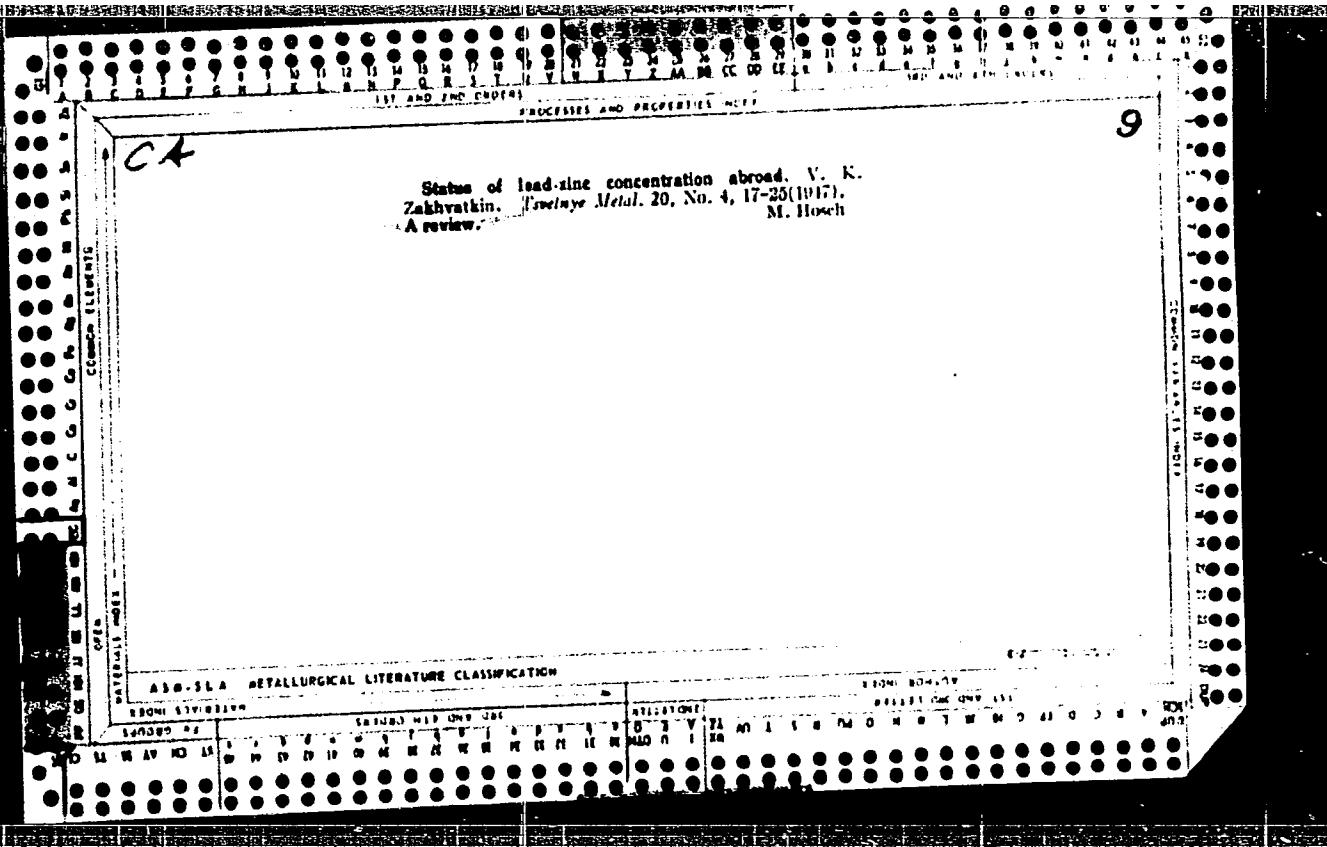
(Lvov Province--Fish ponds)

ZAKHVATKIN, V.A.

Parasitic fauna of fishes of Zabolot'ye District lakes
(Tur, Domashnaya, and Pesochnoye). Volyn' Province (Polesye).
Dop. ta pov. L'viv. un. no.5 pt.2:15-17 '55. (MLRA 9:10)

(Zabolot'ye District--Parasites--Fishes)





ZAKHvatkin, V. K.

29036 Povyshenie effektivnosti protsessov izmel'cheniya rvd. Gornyy zhurnal, (1949, № 9, S. 24-29.--Bibliagr: 5 nazv.

30: Letopsi' Zhurnal'nykh Statey, Vol. 39, Moskva, 1949

ZAKHvatkin, V.K.; KOZLOVSKIY, V.A.; NIKOL'sKIY, D.A.; USHAKOV, M.V.

Conclusions drawn from experience in planning and building
concentration plants. TSvet.met. 27 no.6:5-19 N-D '54. (MIRA 10:10)

1. Institut Mekhanobr.
(Ore dressing)

BOGDANOV, O.S., doktor tekhnicheskikh nauk, professor, redaktor; BRAND, V.Yu., kandidat tekhnicheskikh nauk, redaktor; DERKACH, V.G., kandidat tekhnicheskikh nauk, redaktor; DOLIVO-DOBROVOL'SKIY, V.V., doktor tekhnicheskikh nauk, redaktor; ~~ZAKHvatkin, V.K.~~, redaktor; KACHAN, I.N., kandidat tekhnicheskikh nauk, redaktor; OLEVSKIY, V.A., kandidat tekhnicheskikh nauk, redaktor; LOKONOV, M.F., kandidat tekhnicheskikh nauk, redaktor; PARFENOV, A.M., kandidat tekhnicheskikh nauk, redaktor; PODNIK, A.K., redaktor; POLIVANOV, K.Yu., redaktor; PINKELSHTEYN, G.I., kandidat tekhnicheskikh nauk, redaktor; POMIN, Ya.I., kandidat tekhnicheskikh nauk, redaktor; SHINYAKOV, M.I., redaktor; YUDENICH, G.I., doktor tekhnicheskikh nauk, redaktor; BYKOV, G.P., redaktor; YEZDOKOVA, M.L., redaktor izdatel'stva; EVENSON, I.M., tekhnicheskiy redaktor

[Proceedings of the Third Scientific Session of the Institute of Mechanical Processing of Economic Minerals] Trudy III nauchno-teknicheskoi sessii instituta Mekhanobr. Moskva, Gos.nauchno-tekh.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1955.
758 p. (MLRA 10:8)

1. Leningrad. Nauchno-issledovatel'skiy i proyektnyy institut mekhanicheskoy obrabotki poleznykh iskopayemykh
(Ore dressing) (Flotation)

ZAKHVATKIN, V.K.

From the introductory speech at the opening of the conference.
Trudy Mekhanobr. no.93:5-6 '56. (MIRA 11:6)
(Ore dressing)

YEVDOKIMOV, P.D.; ANTONOV, A.G.; ZAKHVATKIN, V.K.

Closing statements made by the reporting members. Trudy Mekhanobr.
no.93:174-188 '56. (MIRA 11:6)
(Ore dressing) (Waste products)

ZAKHvatkin, V.K.

Modern trends in developing preparation flowsheets for ore
dressing. Obog. rud 2 no.5:9-15 '57. (MIRA 11:11)
(Ore dressing)

ZAKHvatkin, V.K.

Modern trends in the development of technological flowsheets for
preparing ores for ore dressing. Obog. rud 2 no. 6:14-22 '57.
(MIRA 11:8)

(Ore dressing)

ZAKHvatkin, V.K.

Supply the ore dressing industry with highly productive crushing
and grinding equipment. Obog. rud 3 no.2:3-5 '58. (MIRA 11:11)
(Ore dressing--Equipment and supplies) (Crushing machinery)

ZAKHVATKIN, V.K.; USHAKOV, M.V.

Reorganization and expansion of the Ore Dressing Plant no.3 at
the Leninogorsk Complex Metal Ore Combine. TSvet.met. 36 no.2:
1-8 F '63. (MIRA 16:2)
(Leninogorsk region (East Kazakhstan Province--Ore dressing)

ZAKHVATKIN, V.K.

Reorganization and expansion of plants in operation is an efficient way
of developing ore dressing capacities. Obog. rud 7 no.5:3-8 '62.
(MIRA 16:4)

(Ore dressing---Industrial capacity)

ZAKHvatkin, V.K.

Increasing the efficiency of capital investments in the growth of ore-dressing capacity. Gor.zhur. no.1:15-24 Ja '63.
(MIRA 16:1)

1. Direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta
mekhanicheskoy obrabotki poleznykh iskopayemykh.
(Ore dressing) (Capital investments)

ZAKHvatkin, V.K.; KULIMIN, S.G.; GEORGIYEV, K.T.; VESELILOV, S.K.

Increasing the output of flotation equipment at Bulgarian
ore dressing plants. TSvet. met. 38 no.9:18-25 S '65.
(MIRA 18:12)

BOGDANOV, O.S., doktor tekhn. nauk, prof., otv. red.; BRAND, V.Yu.,
kand. tekhn. nauk, red.; DERKACH, V.G., doktor tekhn. nauk,
red.; ZAKHvatkin, V.K., red.; OLEVSKIY, V.A., kand. tekhn.
nauk, red.; LOKONOV, M.F., kand. tekhn. nauk, red.; PODNEK,
A.K., kand. tekhn. nauk, red.; TUSEYEV, A.A., red.;
FINKEL'SHTEYN, G.A., kand. tekhn. nauk, red.; FOMIN, Ya.I.,
kand. tekhn. nauk, red.; CHERNOBROV, S.M., kand. tekhn. nauk,
red.; KUTUZOVA, L.M., red.

[Transactions of the Fourth Scientific Technological Session
of the Scientific Research Institute for Mechanical Concentra-
tion of Minerals] Trudy IV nauchno-tehnicheskoi sessii insti-
tuta MEKHANOBR. Leningrad, 1961. 665 p. (MIRA 17:5)

1. Leningrad. Nauchno-issledovatel'skiy i proyektnyy institut
mekhanicheskoy obrabotki poleznykh iskopayemykh.

ZAKHvatkin, M.O.; SAPIR, A.D.; SPIVAKOVSKIY, V.B.; ZIMINA, V.A.; MARGOLIS, L.D.

Exchange of experience. Zav.lab. 28 no.3:290 '62. (MIRA 15:4)

1. Chelyabinskij metallurgicheskiy zavod (for Zakhvatkin, Sapir).
2. Kiyevskiy gosudarstvenny universitet (for Spivakovskiy, Zimina).
3. Dneprovskiy aljuminiyevyy zavod imeni S.M. Mirova (for Margolis).
(Metallurgical analysis)

ZAKHVATKIN, V.K.

Ore preparation and its importance to the expansion of ferrous metallurgy. Trudy Mekhanobr. no. 122:7-30 '59. (MIRA 14:4)
(Ore dressing) (Iron ores)

ZAKHvatkin, Ye.V.; NAUMOV, V.I.; TUMANOV, V.M.

Automatic welding of cardan shafts and the winch roller of
the "Ural-375" motor vehicle. Avtom. svar. 17 no.10861-63
(MIRA 18st)
0'64

1. Ural'skiy avtomobil'nyy zavod.

ZAKHvatkin, Ye.V.;NAUMOV, V.I.

Unit for automatic welding in carbon dioxide medium. Avt. prom.
30 no.lls40 N '64 (MIRA 18:2)

1. Ural'skiy avtomobil'nyy zavod.

ZAKHvatkin, Ye.V., inzh.; NAUMOV, V.I., inzh.; BRODYAGIN, G.N., inzh.

Unit for welding under flux of hydraulic servo-mechanism
cylinders. Svar.proizv. no.437-38 Ap '64.

(MIRA 18:4)

1. Ural'skly avtomobil'nyy zavod.

ZAKHVATKIN, Ye.V., inzh.

Improving the quality and reliability of motortruck weldments.
Svar. proizv. no. 7:7-8 Jl '65. (MIRA 18:8)

1. Ural'skiy avtomobil'nyy zavod.

ZAKHvatkin, Yevgeniy Vasil'yevich, inzh.; NAUNOV, Vladimir
Ivanovich, inzh.; BEREZKIN, P.N., red.; SVET, Ye.B., red.

[Semiautomatic and automatic welding in an atmosphere of
carbon dioxide; from practices of the Ural Automobile
Plant] Poluavtomaticheskaiia i avtomaticheskaiia svarka v
srede uglekislogo gaza; iz opyta Ural'skogo avtomobil'nego
zavoda. Cheliabinsk, JuZhno-Ural'skoe knizhnoe izd-vo,
1964. 49 p. (MIRA 18:9)

1. Ural'skiy avtomobil'nyy zavod (for Zakhvatkin, Naunov).

ZAKHATKIN, Yu.

85-58-6-5/43

AUTHOR: Zakhvatkin, Yu., Instructor DOSAAF Plant Committee
(Moscow) (Zavodskiy komitet DOSAAF)

TITLE: Contests Among Plant Workers - Parachutists (Sorevnovaniya
zavodskikh parashutistov)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 6, p 2 (UESR)

ABSTRACT: The author states that a large number of Komsomol member workers at the Moskovskiy avtozavod imeni I. A. Likhacheva (Moscow Automobile Plant imeni I. A. Likhachev) will participate in the All-Union Spartacus Games, held in honor of the 40th anniversary of the VLKSM. Various aviation sports will be represented, among which parachute jumping will be included for the first time. Personalities mentioned include Komsomol member and public instructor V. Mel'nikov.

ASSOCIATION: DOSAAF Plant Committee, Moscow Automobile Plant imeni
I. A. Likhachev

WATERMARK: CIA RELEASED BY EDS

Card 1/1

ZAKHVATKIN, Yu.A.

Physiological age of the Colorado beetle. Nauch. dokl. vys.
shkoly; biol. nauki no.3:19-22 '64 (MIRA 17:8)

1. Rekomendovana kafedroy entomologii Moskovskogo gosudar-
stvennogo universiteta imeni M.V. Lomonosova.

ZAKHVATKINA, A.A.

Effect of soil moisture at the time of tillage on the water stability of soils and crop yields. Nauch.dokl.vys.shkoly; biol.nauki no.2:193-196 '59. (MIRA 12:6)

1. Rekomendovana kafedroy geografii pochv Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.
(Soil moisture) (Tillage)

BOGUTSKIY, S.S.; ZAKHvatKINA, B.I.; KIL'MAN, A.Sh.; KISLOV, A.N.;
KOZLOVSKIY, P.R.; MOLCHANOV, V.N.; TARASEVICH, L.I.; BAKKAL,
R.A., otv. red.; BELOV, V.S., red. izd-va; OVSEYENKO, V.G.,
tekhn. red.

[Automatically controlled mining systems] Rudnichnye avtomati-
cheskie ustanovki; prakticheskoe posobie po avtomatizatsii na
shakte. Moskva, Gosgortekhizdat, 1962. 195 p.

(MIRA 15:12)

(Mining machinery) (Automatic control)

BOGUTSKIY, S.S., kand.tekhn.nauk; VASIL'YEV, A.D., inzh.; ZAKHVATKINA, B.I.,
inzh.; TARASEVICH, L.I., inzh.

Results of industrial tests of the AShV05 apparatus for automatically
controlling reversible fans used in pit . Sbor. KuzNIUI no.8:120-
136 '61. (MIRA 16:3)
(Kuznetsk Basin—Fans, Electric) (Automatic control)